

Prevalence of Selected Maternal and Child Health Indicators
Tennessee Pregnancy Risk Assessment Monitoring System (PRAMS), 2018-2019



Health Indicator	Tennessee 2018			Tennessee 2019		
	N*	% [#]	95% CI	N*	% [#]	95% CI
Pre-Pregnancy Health						
No Multivitamin	42,390	55.47	(51.14 - 59.8)	46,777	61.50	(56.26 - 66.74)
Multivitamin 1-3/wk	4,473	5.85	(3.74 - 7.96)	2,903	3.82	(1.84 - 5.8)
Multivitamin 4-6/wk	4,644	6.08	(4.11 - 8.04)	2,923	3.84	(1.79 - 5.89)
Multivitamin Every day	24,912	32.60	(28.52 - 36.68)	23,459	30.84	(25.91 - 35.77)
Dieting during year before pregnancy	23,331	30.06	(25.97 - 34.16)	21,477	27.74	(22.91 - 32.56)
Exercise 3+ days a week, during year before pregnancy	31,994	41.22	(36.93 - 45.52)	30,321	39.04	(33.75 - 44.33)
Pre-Pregnancy Weight						
Underweight (BMI < 18.5 kg/m2)	2,859	3.84	(2.22 - 5.47)	2,796	3.78	(1.82 - 5.75)
Normal Weight (BMI 18.5 - 24.9 kg/m2)	30,614	41.16	(36.8 - 45.52)	28,971	39.21	(33.81 - 44.61)
Overweight (BMI 25 - 29.0 kg/m2)	17,732	23.84	(20.03 - 27.65)	18,110	24.51	(19.77 - 29.25)
Obese (BMI > 29.0 kg/m2)	23,174	31.16	(27.09 - 35.23)	24,011	32.50	(27.25 - 37.74)
Substance Abuse¹						
Any cigarette smoking, 3 months before	19,241	25.00	(21.28 - 28.71)	14,791	19.35	(15.07 - 23.63)
Any cigarette smoking, last 3 months of pregnancy	8,917	11.48	(8.82 - 14.15)	6,357	8.28	(5.5 - 11.05)
Any cigarette smoking, post partum	11,583	14.98	(11.92 - 18.05)	10,449	13.60	(9.98 - 17.23)
Any hookah use, 2 years prior to pregnancy	3,202	4.22	(2.21 - 6.24)	2,899	3.85	(1.63 - 6.08)
Any e-cigarette use, 3 months before pregnancy	3,551	4.61	(2.72 - 6.49)	3,977	5.15	(2.6 - 7.7)
Any e-cigarette use, last 3 months of pregnancy	1,367	1.77	(0.51 - 3.03)	773	1.00	(0.19 - 1.81)
Any alcohol use, 3 months before pregnancy	39,343	51.21	(46.83 - 55.59)	37,924	49.55	(44.09 - 55.01)
Any alcohol use, last 3 months of pregnancy	4,063	5.27	(3.4 - 7.15)	3,631	4.77	(2.57 - 6.96)
Intimate Partner Violence (IPV)²						
Experienced any IPV during the 12 months <i>before</i> pregnancy (by current or ex-husband/partner)	2,466	3.29	(1.88 - 4.71)	1,838	2.51	(0.97 - 4.05)
By Current Husband or Partner only	1,255	1.66	(0.66 - 2.67)	877	1.19	(0.17 - 2.21)
By Ex-husband or partner only	1,420	1.90	(0.84 - 2.97)	1,315	1.78	(0.48 - 3.08)
Experienced any IPV during the <i>during</i> pregnancy (by current or ex-husband/partner)	1,465	1.96	(0.8 - 3.12)	417	0.57	(0 - 1.17)
By Current Husband or Partner only	964	1.28	(0.38 - 2.18)	120	0.16	(0.03 - 0.29)
By Ex-husband or partner only	615	0.82	(0.03 - 1.61)	370	0.50	(0 - 1.09)
Depression						
Self-reported depression, within 3 months before pregnancy	16,029	20.59	(17.01 - 24.18)	13,181	17.31	(13.3 - 21.33)
Self-reported depression, during pregnancy	12,605	16.27	(13.02 - 19.51)	12,781	16.84	(12.78 - 20.89)
Self-reported post-partum depressive symptoms	12,363	15.73	(12.53 - 18.92)	11,792	15.05	(11.1 - 19)
Health Care Services						
Had health care visit in 12 months before pregnancy	51,408	67.29	(63.21 - 71.37)	48,163	62.80	(57.49 - 68.11)
Began prenatal care in 1st trimester	65,242	86.14	(82.98 - 89.29)	64,517	84.66	(80.57 - 88.74)
Had flu shot before or during pregnancy	44,294	57.26	(52.94 - 61.59)	43,197	56.77	(51.33 - 62.21)
Had maternal postpartum checkup	68,586	89.26	(86.43 - 92.08)	66,786	88.29	(84.75 - 91.82)
Pregnancy Intention and Family Planning						
Mistimed Pregnancy	16,727	21.66	(18.09 - 25.23)	16,016	21.02	(16.38 - 25.67)
Unwanted Pregnancy	5,406	7.00	(4.94 - 9.06)	7,680	10.08	(6.72 - 13.45)
Unsure about pregnancy	14,333	18.56	(15.04 - 22.07)	14,353	18.84	(14.51 - 23.17)
Intended pregnancy	40,763	52.78	(48.42 - 57.14)	38,129	50.05	(44.58 - 55.53)
Any Pre-conception Contraceptive Use ³	16,463	40.72	(34.81 - 46.63)	13,424	33.42	(26.23 - 40.62)
Highly Effective Method	460	1.15	(0 - 2.34)	519	1.29	(0 - 2.8)
Moderately Effective Method	5,467	13.63	(9.58 - 17.69)	5,319	13.25	(7.96 - 18.53)
Least Effective Method	10,212	25.46	(20.24 - 30.68)	7,574	18.86	(12.99 - 24.74)
Any Postpartum Contraceptive Use ³	59,532	77.62	(73.86 - 81.37)	63,440	83.14	(79.05 - 87.24)
Highly Effective Method	2,3026	30.48	(26.43 - 34.53)	2,2063	29.27	(24.38 - 34.17)
Moderately Effective Method	19,909	26.35	(22.5 - 30.21)	19,571	25.97	(21.09 - 30.84)
Least Effective Method	15,440	20.44	(17.02 - 23.86)	20,875	27.70	(22.73 - 32.66)
Oral Health						
Teeth cleaned during pregnancy	32,328	41.42	(37.16 - 45.68)	24,317	31.35	(26.37 - 36.33)
Pre-Pregnancy Health Insurance Status⁴						
Private insurance	47,165	63.47	(59.23 - 67.72)	36,948	50.85	(45.25 - 56.46)
Medicaid (public)	16,741	22.53	(18.75 - 26.31)	22,216	30.58	(25.28 - 35.88)
None	10,401	14	(11.11 - 16.88)	13,491	18.57	(14.2 - 22.93)

	Tennessee 2018			Tennessee 2019		
	N *	% #	95% CI	N *	% #	95% CI
Health Insurance Status During Pregnancy						
Private insurance	41,319	65.58	(60.97 - 70.2)	32,811	53.56	(47.5 - 59.61)
Medicaid	21,501	34.13	(29.52 - 38.74)	27,584	45.03	(38.97 - 51.08)
None	184	0.29	(0 - 0.68)	868	1.42	(0 - 2.93)
Postpartum Health Insurance Status						
Private insurance	42,683	56.68	(52.28 - 61.07)	32,927	44.86	(39.35 - 50.37)
Medicaid	26,785	35.57	(31.31 - 39.82)	32,110	43.75	(38.16 - 49.33)
None	5,841	7.76	(5.39 - 10.12)	8,363	11.39	(7.85 - 14.94)
Infant Sleep Practices						
Baby most often laid on back to sleep	61,711	81.26	(77.78 - 84.75)	59,805	79.35	(74.85 - 83.85)
Baby slept alone	56,491	74.18	(70.18 - 78.18)	57,816	76.93	(72.26 - 81.61)
Baby slept alone and on approved sleep surface	23,343	31.67	(27.63 - 35.71)	27,572	37.89	(32.48 - 43.30)
Breastfeeding Practices						
Baby ever breastfed	64,016	84.14	(80.84 - 87.44)	61,188	81.32	(76.94 - 85.69)
Any breastfeeding at 8 weeks	46,382	61.33	(57.02 - 65.65)	39,949	53.33	(47.82 - 58.83)

1.) Substance use estimates are among all women.

2.) **Intimate Partner Violence:** Defined as being pushed, hit, slapped, kicked, choked, or physically hurt in any way by a husband/partner and/or an ex-husband/ex-partner.

Beginning in 2016 (Phase 8), the question response options were expanded to include "my ex-husband or ex-partner" in addition to "my husband or partner". For this report, TN PRAMS data has been calculated to reflect this change.

3.) **Contraceptive use:** Defined as using *any* kind of birth control at the time of conception or when the PRAMS survey was completed. Women who selected the "other" write-in option were excluded from the analysis.

Long-Acting Reversible Contraception (LARC) methods include Intrauterine Device (IUD) or contraceptive implant.

Moderately effective methods include birth control pills, shots or injections (e.g., Depo-Provera), contraceptive patch, and vaginal ring.

Least effective methods include condom, rhythm method/natural family planning, and withdrawal.

4.) **Insurance:** other state-specific government plans or programs such as SCHIP/CHIP are excluded from estimates. Those selecting "other" type s were excluded.

"Private" includes private only, any other insurance in combination with private, TRICARE, or other military-type insurance.

"Medicaid" includes Medicaid or other state-named Medicaid program (e.g, TennCare).

"None" is defined as no selected insurance or selecting only Indian Health Service (IHS).

N * = Weighted sample size

% # = Weighted percent

** = Data not available

